

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph on page 37, beginning on line 15, as follows:

Figure 7 is a block diagram showing additional details of storage system 16c shown in Figure 6 in accordance with one embodiment of the invention. The interactions shown in this embodiment illustrate the integration of the ontology-driven information system with the J2EE™ Connector Architecture. As shown in Figure 7, storage system 16c includes RDBMS connector 104a, XML document connector 104b, WWW connector 104c, MQSeries connector 104d, EJB connector 014e, and 3rd party connector 104f. Storage system 16c communicates with J2EE application server 106 through an architected contract, e.g., the contracts that may be implemented by the application server in accordance with standard J2EE connector architecture, which is available from Sun Microsystems (~~http://java.sun.com/j2ee/connector~~). Storage system 16c also communicates with application component 108, which is provided by application object system 18d of user and application 18 (see Figure 3), through an architected contract. Application component 108 also communicates with J2EE application server 106 in accordance with an architected contract, e.g., a container/component contract. In addition, storage system 16c communicates with an administration component (not shown) provided by system administration interface 18a (see Figure 3). Furthermore, storage system 16c uses the

interfaces of naming service 16a, mapping service 16b, schema manager 16d,
and data model 16f (see Figure 6).